

Date: Fri, 4 Nov 94 22:08:18 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: List
Subject: Info-Hams Digest V94 #1190
To: Info-Hams

Info-Hams Digest Fri, 4 Nov 94 Volume 94 : Issue 1190

Today's Topics:

 440 Repeater For Sale
 Antenna Help Please!!!!!!
 Call Sign ID
 Collegiate Radio Club Championship
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 Help - need drawing of SB104 PS
 MOSLEY PRO-67B ANTENNA?
 No code Techs and CW...
Periodic Announcement - ARRL Email Information Server (info@arrl.org)
 Real Hams
 shave-and-a-haircut

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 4 Nov 94 22:45:36 GMT
From: Thomas_A._Cagan.LAX1B@xerox.COM
Subject: 440 Repeater For Sale

Hi All,

 We have a KRP 5000, 440 Repeater and an ACC-96 Repeater Controller for

sale. They are about 18 months old and work great. The reason that we are selling them is that they won't work with our present HF and Allmode VHF remote bases.

Selling price on the KRP 5000 is \$1500.00

Selling price on the ACC-96 is \$700.00

Please respond to me:

Tom Cagan, KB6NQW. KB6NQW@WB6WFH.#SOCA.CA.USA.NOAM

or

David Steinfeld WA6ZVE (818)340-6760

Date: Thu, 3 Nov 94 19:36:27 -0500

From: wcoyle@delphi.com

Subject: Antenna Help Please!!!!!!

Scott, I can think of two things I would try in your situation.

1: Did you consider, if you can get roof access, hiding a dipole under where the gutter hangs? At 25 to 30 watts, this would probibly work OK.

2: Actually load the gutter as a longwire? I know it sounds nutty, but with a good transmatch, it can be done.

I know these may sound nutty, but some of the best ideas are.

73

Wcoyle@delphi.com

N30GH

Date: 4 Nov 1994 02:32:20 -0600

From: pvr@wg.icl.co.uk (Phil Rose)

Subject: Call Sign ID

Despite my previous posting re using 'Double' I would like to add that I would only use it once contact had been established and am just signing at each over.

Phil Rose

pvr@wg.icl.co.uk

P.V.ROSE@UK03.wins.icl.co.uk

G3ZZA

The views herein expressed are mine
and mine alone - not those of ICL

Date: Thu, 3 Nov 1994 19:58:11 GMT
From: barron@rmc.liant.com (Robert Barron)
Subject: Collegiate Radio Club Championship

Inaugural North American Collegiate Amateur Radio Club Championship

1. Object: For college and university stations in all ARRL and RAC sections to participate in the ARRL November Sweepstakes and compete against other college and university radio clubs.
2. Contest Rules: CW portion takes place on first full weekend of November (Nov 5-7), phone portion takes place on third full weekend of November (Nov 19-21). Both start on Saturday 2100 UTC and end on Monday 0300 UTC. All rules, as stated in the October issue of QST, pertain to this collegiate competition.
3. Station Location: In an effort to encourage club station improvements all contacts must be made from the established club radio station located on a college campus. No "portable" operation from a nearby contest "super station". A club may operate from a member's station provided that a club station on campus does not exist.
4. Results: Separate champions will be determined for CW, phone and combined scores. Official results will be based on those published in QST so all participants are required to submit a valid log to the ARRL. Participants must also submit a score summary (the contest summary sheet, NOT a complete log!) to the collegiate contest moderator. Provisional scores and winners will be posted on the ham-univ and cq-contest mail reflectors by the moderator. Send results to:

Internet: barron@rmc.liant.com
Mail: Robert Barron
P.O. Box 180703
Austin, TX 78718
5. Combined Score: Winners in the combined category will be based on a points system like that used in the NA QSO Party. In order to be eligible for the combined title a valid phone AND CW score must be submitted. Points are awarded by taking the phone and CW score and dividing by the highest score submitted by a college station (for that mode) then multiplying by 1000. The phone and CW points are then added for total points.
6. Awards: To be determined. The ARRL has been asked to provide official SS certificates to the top ten finishers.

This means:

1. Not limited to multi-op single transmitter if multiple ops not available.

2. Not limited to US stations only (though still North America only).
3. All club members allowed to participate (not just students).
4. Club station rule waived when no club station exists.
5. Stations must operate BOTH phone and CW to participate in the combined competition.

Jeff Tucker (N9HZQ) is keeping a list of college clubs that are planning on participating in this year's Collegiate Championship. To add your club to the list send Email (with your club's name and callsign) to:
tucker@eedsp.gatech.edu

73,

Robert KA5WSS
barron@rmc.liant.com

Date: Wed, 2 Nov 1994 19:25:08 GMT
From: alanb@hpnmarb.sr.hp.com (Alan Bloom)
Subject: DX Palindrome (was CW Palindrome Game!)

Wayne_Estes (Wayne_Estes@csg.mot.COM) wrote:

I wrote:

: > Name a DXCC country where the term used to refer
: > to the inhabitants is a palindrome.

: I heard that one on the National Public Radio word game last weekend.

: *** Nauruan (residents of Nauru) ****

Yep, that's where I heard it!

AL N1AL

Date: 4 Nov 1994 13:09:04 -0500
From: jimkd0av@aol.com (JimKD0AV)
Subject: Experiences w/ Ameritron AL-811H

Steve:

I have had the AL-811H for about two years and has worked well for me. I abuse it quite a bit being an avid contester and not always careful about band switching and tuning it up. Any problems I have had relate to the operator, not the amp.

Tubes are easy to replace and relatively cheap when compared to the mega buck single tube 1500 watt babies. The price and gain seem to be in line and I can work 'em if I can hear 'em on 40 cw.

73,
Jim KD0AV

Date: 2 Nov 94 21:57:42 CST
From: dstauffer@cctr.umkc.edu (Dean Stauffer)
Subject: faq qth?

Hi all,

Could someone do me a favor, and either e-mail me the FAQ, or mail me it's location? I'm gonna study for the general test, and want info, and the question pool if possible.

tnx de KB0LDW dean k

Date: Wed, 02 Nov 1994 11:50
From: CSMSCST@MVS.OAC.UCLA.EDU (Chris Thomas)
Subject: Farnsworth question

I'm always surprized when I hear people discussing Farnsworth spaced CW as though it is only useful at low speeds. The other evening on 30m, I heard someone sending at about 23 wpm with characters at what I'd guess to be 40-45 wpm. Although it sounded quite strange at first, it was amazingly easy to copy - far easier than a straight 23 wpm would have been.

We might have more people passing 20 wpm and fewer gripes about how difficult it was if we used Farnsworth-spaced code in VE sessions. I'd do it in our tests, but that's not the part of the sessions I'm responsible for.

-- 73 de Chris Thomas, AA6SQ (ex-WA6HTJ) (CSMSCST@MVS.OAC.UCLA.EDU)

Date: 4 Nov 94 17:06:55 GMT
From: FULLER@UWSTOUT.EDU (Jon H. Fuller)
Subject: For Sale: Listserver

Maybe not the right spot to ask, but does anyone know of a listserver that

support buying and selling computer related items (Hardware and Software)?

Date: 3 Nov 1994 14:18:40 GMT
From: vinod@watson.ibm.com (Vinod Narayanan)
Subject: frequencies, shops etc in the bay area and Alhambra

Could someone please email me some good repeater frequencies in the Silicon Valley area, the Oakland/Moraga area, and Alhambra area in So. cal (2m only..)? I will be visiting these areas over the next couple of weeks. Also, any good ham radio shops in the Silicon valley area? Please reply by email, since this is not of interest to everyone reading the group. Many thanks in advance.

--
--vinod N2ZKE
email: vinod@watson.ibm.com

Date: 4 Nov 1994 16:28:56 GMT
From: moritz@ipers1.e-technik.uni-stuttgart.de ()
Subject: Help - Ham Radio for RC Aircraft

>I am trying to get some information on RC aircraft controllers
>using Ham Radio frequencies.

>

>2. What are the disadvantages?

>

Surprizing question: the answer is, that someone will ground your plane, if he gets annoyed by the interference.

Aside from regulations *I* would not take the risk.
I always thought there were special bands for RC??

73, Moritz DL5UH

Date: Thu, 03 Nov 94 13:19:10 -0800
From: Jim_Sollows@mindlink.bc.ca (Jim Sollows)
Subject: Help - Ham Radio for RC Aircraft

I am trying to get some information on RC aircraft controllers using Ham Radio frequencies. I am a licensed ham and am want to joining the exciting world of RC Aircraft but before I do I

1. What are the advantages to using Ham Radio frequencies for RC Aircraft...aside from the obvious one of less congestion?
2. What are the disadvantages?
3. What frequencies are used, I have heard 6 meters (53MHz) to 2 meters (144MHz)?
4. Is a special transmitter required or just a module change and where can they be purchased in Canada or the US?

— —

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moritz@ipers1.e-technik.uni-stuttgart.de () writes:
: Surprising question: the answer is, that someone will
: ground your plane, if he gets annoyed by the interference.
:
: Aside from regulations *I* would not take the risk.
: I always thought there were special bands for RC??
:
: 73, Moritz DL5UH
:
Perhaps different outside the US, but the 6-meter band
has parts reserved for Radio Control, up to 1-watt
transmitters.

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— —

^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v

Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJ0
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^v

Date: Thu, 3 Nov 1994 13:20:41 GMT
From: cmd@intgp8.ih.att.com (-Dinsmore,C.M.)
Subject: Help - need drawing of SB104 PS

Hi,
I did a dumb thing the other nite and toasted the regulator board
in the power supply for my Heath SB-104A. This PS has a regulator
board number 85-1928-2 I think the date code is 041878. It looks
like it has a crowbar circuit on it. I have a schematic for an
earlier version without the crowbar. I would like to know the
component numbers if they are available also.

If any of you have this schematic, I'd be very happy to hear from you.
I would be glad to pay for the copying and postage costs for the
schematic.

TNX de Craig KB9HCQ

Date: Fri, 04 Nov 1994 10:35:06 -0500
From: CSLE87@ucsd.edu (Karl Beckman)
Subject: MOSLEY PRO-67B ANTENNA?

In article <9411022234.0VPSD04@chrysalis.org>, daniel.swift@chrysalis.ORG
wrote:

>
> This previous weekend for the CQWW Phone Contest, I used the Mosley
> PRO-67B Beam Antenna at a friend's shack. I was *very* disappointed
> with this antenna's performance, specifically it's F/B ratio. The
> antenna acted like a rotating vertical rather than the expensive beam
> antenna that it is. E.G. While rotating the beam and listening to a
> distant station, it seemed that the DX station signal remained the same,
> regardless of where the beam was pointing.
>
> This antenna was assembled according to Mosley instructions. The SWR is
> pretty good for this antenna, less than 2.0:1 on all frequencies and
> bands. Before I do anything drastic, Does anyone out there on the net
> have any experience with this antenna?
>

> Please respond either here or directly to my address below. Any opinions
> as to how best to proceed would be *sincerely* appreciated.
>
>
> Thanks!
>
> Dan Swift, N5UPG
>
> INTERNET: daniel.swift@chrysalis.org

The first thing to remember is that a 12 dB front-to-back ratio (FBR) is only two S-units. Therefore you are NOT going to "SEE" any major changes in signal strength on today's equipment. This is especially true if you also have the AGC on and the RF gain up full. The tricks are to first drop the receiver RF gain down as low as possible while still hearing the desired signal, then rotate the beam to put a NULL on the interference. Also remember 1) ANY multi-band rotating antenna in that frequency range is going to be expensive because of material cost. 2) Extra forward gain requires more elements, therefore more material cost. 3) More FBR doesn't usually cost extra because it's part of the field tuning process. 4) Maximum forward gain, lowest VSWR, and highest FBR will always be found at different element length settings. You (or in this case, your friend) decide which is most important and tune the antenna accordingly.

Have fun this weekend in ARRL SS!

--

Karl Beckman, P.E. <The difference between stupidity and >
Motorola Comm - Fixed Data <genius is that genius has its limits.>

Amateur radio WA8NVW @ K8MR.NEOH.USA.NA NavyMARS VBH @ NOGBN.NOASI
The statements and opinions expressed here are not those of Motorola Inc.

Date: Thu, 3 Nov 94 19:40:54 -0500
From: wcoyle@delphi.com
Subject: No code Techs and CW...

If you can study for two weeks, and come in and pass the test,
more power to you, but don't piss and moan when you don't pass!

That was my point, plain and simple.

Wcoyle@delphi.com
N30GH

Date: Wed, 2 Nov 1994 21:00:02 MST
From: mtracy@arrl.org (Michael Tracy)
Subject: Periodic Announcement - ARRL Email Information Server (info@arrl.org)

Periodic Announcement - ARRL Email Information Server (info@arrl.org)

The services that the ARRL provides via the internet include the Email Information Server and the Technical Information Service. The Information Server is an automated mail server that gives you access to many of information files relating to various facets of Amateur Radio. You can retrieve any or all of these files by sending an email message to info@arrl.org here at ARRL HQ. Each file you request is then mailed to you automatically.

To use it, mail messages to:

info@arrl.org

Each line of the message body should contain a command as shown below. The subject of your message is not processed and may be omitted. You may place as many commands in a message as you want. The files you request will be sent to you in separate messages. Only ASCII text files are supported.

Valid INFO commands:

reply <address> (may be needed - see below for explanation)
help
index
send FILENAME (example: send prospect.txt)
quit

In the above message example, "help" retrieves a brief set of instructions for info, "index" retrieves a list of available files and "send prospect.txt" retrieves a text file containing information on becoming a radio amateur.

Note to users with FTP capability: All of these files are also available by anonymous ftp to oak.oakland.edu in the pub/hamradio/arrl/infoserver area. Retrieve the file index.txt in the /league sub-directory for a complete listing of available files.

If you want to retrieve several text files with one message, use a separate line for each "send filename" request.

Your From: field or Reply-to: field in your header should contain a

valid Internet address, including full domain name. If your From: field does not contain a valid Internet address, the answer will not reach you. If this is the case, then use the reply command as shown above. When needed, this command should always be the first command in your message.

IMPORTANT: Please use the quit command in your message. This will prevent processing errors from message signatures.

PLEASE NOTE!: This is an automated system not capable of handling written requests. Any questions on the info-server or the content of any of its files should be directed to mtracy@arrl.org.

ALSO NOTE!: Do ***NOT*** reply to messages sent from info@arrl.org - the reply address is redirected to keep bounced messages from endlessly looping. Write a new message to info@arrl.org instead.

The Technical Information Service gives League members on the internet better access to the knowledgeable technical staff here at ARRL HQ. Questions relating to Amateur Radio and related technical topics are welcome. To use this service, send a normal e-mail message to tis@arrl.org with your question spelled out in plain english. For best service, be as specific as possible and keep your line length in messages to a maximum of 80 characters. Due to personnel limitations, priority will be given to questions from League members.

Best Regards,

Michael Tracy, KC1SX, ARRL Technical Information Services Coordinator
(e-mail mtracy@arrl.org)

Sample of files available from INFO: (There are lots more!)

Note - If you are not yet an Amateur Radio operator retrieve the file prospect (send prospect) for information on how to easily get started in this fun hobby.

FILENAME	SIZE DESCRIPTION
-----	-----
PROSPECT.TXT	2k How to get your Amateur Radio license
EXAMS.TXT	52k Current exam schedule info - updated bi-weekly
EXAMINFO.TXT	9k Examinations - what to bring - requirements
USERS.TXT	6k List of HQ Email addresses
ARRLCAT.TXT	39k Catalog of ARRL Publications - commercial content
JOIN.TXT	2k How become an ARRL member
SERVICES.TXT	5k A condensed list of ARRL membership services

TOUR.TXT	28k An electronic tour of ARRL Headquarters
DIR.HQ	5k Visiting ARRL HQ - directions and tour information
HFBANDS	7k Breakdown of users of HF spectrum
Q-SIGS	1k ARRL list of Amateur Radio Q-signals
W1AW.SKD	2k W1AW schedule of transmissions and operation
PRODREV1.TXT	12k Which rig is best? Part 1 - QST Lab Notes
PRODREV2.TXT	22k Which rig is best? Part 2 - QST Lab Notes
!LIST.TXT	6k QST Bibliographies List
RFIGEN.TXT	37k How to solve an EMI/RFI problem - QST Lab Notes
RFISOURC.TXT	13k Where to buy filters - EMI-proof telephones etc.
ADDRESS.TXT	16k Lots and lots of ham/electronic company addresses
KITS.TXT	6k List of companies that sell kits
BBS.TXT	12k List of ham-radio land-line bulletin boards
FAQ1.TXT	25k Introduction to the FAQ and Amateur Radio
FAQ2.TXT	45k Amateur Radio Orgs, Services and Info Sources
FAQ3.TXT	32k Amateur Radio Advanced and Technical Questions

American Radio Relay League, Inc.	Tel: 1-203-666-1541
225 Main Street	Fax: 1-203-665-7531
Newington, CT 06111	Email: mtracy@arrl.org

Date: 1 Nov 1994 23:15:32 -0800
 From: lyndon@canada.unbc.edu (Lyndon Nerenberg)
 Subject: Real Hams

jeffrey@kahuna.tmc.edu (Jeffrey Herman) writes:

>Rather, you should study the history of amateur radio; without
 >the ARRL lobbying for us over the last 70 or so years we wouldn't
 >exist today. Surely if you have any interest in this hobby you
 >wouldn't mind reading a bit about our history, no?

What, specifically, did the ARRL do to ensure the continued existence
 of Amateur Radio in Spain? Sweden? or Canada for that matter?

Don't confuse your *opinions* with actual history.

--lyndon VE7TCP (licensed for some number of years that isn't relevant
 to this discussion)

Date: 4 Nov 94 19:57:27 GMT
 From: Waltnk@pica.army.mil

Subject: shave-and-a-haircut

It was my experience in the mid-late 60's that this (.) was not only in bad taste, but was illegal. You had to log every CQ and identify every transmission. I was warned often about this practice when I was a novice and therefore never used it myself (fingers crossed). But, it did become the defacto CQ in the novice bands. It saved bandwidth and was a heck of lot easier to send than those gawd-awfull 2x3 callsigns we were assigned. But, soon thereafter we upgraded, moved to SSB and forgot CW, all together.

See y'all in SS this weekend.

.....
73 de Walt Kornienko - K2WK Internet: waltk@pica.army.mil
DX PacketCluster: K2WK > W3MM Packet: K2WK@N2ERH.NJ.USA.NOAM
ex-WN2WID, WB2WID
<> Member: Franford Radio Club <<<>>> #1 Contest Club In The World <>

Date: Thu, 3 Nov 94 19:31:45 -0500
From: wcoyle@delphi.com

References<Cxt1FJ.Kpo@news.Hawaii.Edu> <37v5dj\$9j4@crcnis1.unl.edu>,
<126034@cup.portal.com>
Subject: Re: Earth Ground (was: ARRL And Gay Hams Settle Complaint)

First, get of your high horse, it's getting real old.
Second, this is the last time I'm going to discuss this issue here, it belongs elsewhere.
Third, as I said before, I DO NOT have to tolerate anything. It's the actions that result from my lack of tolerance that make that intolerance illegal. If I turn around a bash your head in, this is illegal, obviously. I'm here to assure you, I would never do such a thing. In fact, and in all honesty, I would not advocate such action and would most certainly come to your, or any other persons defense in such a situation. If I roll my eyes and say to my friend "Man, that's sick" this is perfectly legal. It is still intolerance, any way you look at it, it's the RESULT of that intolerance that makes it illegal or legal.

From now on, if you wish to continue this discussion, please take it to e-mail. There is no reason to discuss this any further here.

Wcoyle@delphi.com
N30GH

Date: Thu, 3 Nov 94 19:50:56 -0500
From: wcoyle@delphi.com

References<1994Oct21.173653.24462@ke4zv.atl.ga.us> <31640029@hpcc01.corp.hp.com>,
<1994Nov2.014157.8236@ke4zv.atl.ga.us>
Subject: Re: Re: CW Learning: Going slow. : (

Well, I'll be the first to admit.

My spelling stinks
I can only copy up to about 15 wpm
And I'm not the smartest person around (but you probably
allready knew that)
:-)
73
Wcoyle@delphi.com
N30GH

End of Info-Hams Digest V94 #1190
